ABSTRACT

A computer program, method, and device for controlling the brightness of a display (10) by proportionally varying the voltage delivered to each pixel in the display (10) after the back light

.5   (12) for the display (10) has been dimmed to its approximate lowest level. The display (10) includes a back light (12); a display module (16) having an array of pixels that may be individually controlled to selectively block or pass light from the back light (12) to create a desired image; a user interface (24) for selectively adjusting brightness of the back light (12) to vary the amount of light passing through the pixels to control the brightness of the image; and

10   a controller (22) for proportionally adjusting the luminosity of the pixels to further control the amount of light passing through the pixels to control the brightness of the image.